

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sujian HUANG *et al.* Art Unit : Unknown  
Serial No.: Unknown Examiner : Unknown  
Filed : Herewith  
Title : METHOD FOR SIMULATING DRILLING OF ROLLER CONE BITS AND ITS  
APPLICATION TO ROLLER CONE BIT DESIGN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Before examining the referenced application on the merits, please amend the application as follows:

22511  
PATENT TRADEMARK OFFICE